

Converting Colors

YIQ(91.9440, 31.0780, 42.5180)

Have a look what the booklet for
YIQ(91.9440, 31.0780, 42.5180)
contains.

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Color

**YIQ(91.9440, 31.0780,
42.5180)**

Conversions

Conversions Part 1

Format	Color
Hex	943882
RGB	148, 56, 130
RGB Percent	58%, 22%, 51%
CMY	0.4193, 0.7805, 0.4901
CMYK	0.00, 0.62, 0.12, 0.42
HSL	312°, 45%, 40%
HSV	312°, 62%, 58%
XYZ	17.6677, 10.7390, 22.2667
YIQ	91.9440, 31.0780, 42.5180

Conversions

Conversions Part 2

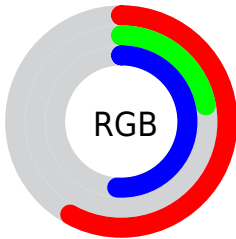
Format	Color
R_{YB}	148, 56, 130
Decimal	9713794
CIE _{Lab}	39.14, 47.69, -22.77
CIE _{LCh}	39, 52.848, 334.482
Yxy	10.7390, 0.3487, 0.2119
Android (android.graphics.Color)	4287903874 (0xFF943882)
YUV	91.9440, 18.7616, 49.1611
Hunter-Lab	32.7704, 38.8875, -17.3468

Details

The YIQ color **91.9440, 31.0780, 42.5180** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.0560, -31.0780, -42.5180**, and the grayscale version is **92.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **145.8410, 32.8660, 43.1540**, and **37.2260, 30.3440, 44.8080** is the 20% darker color. If you saturate the color by 10%, you get **82.7970, 36.1660, 49.4300**, and if you desaturate by 10%, it is **101.0910, 25.9900, 35.6060**.

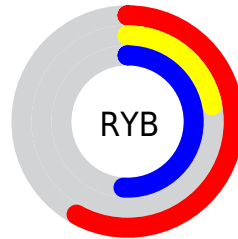
Distribution



Red (58%)

Green (22%)

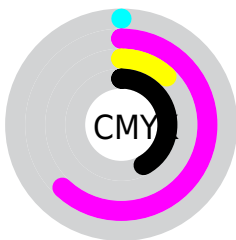
Blue (51%)



Red (58%)

Yellow (22%)

Blue (51%)

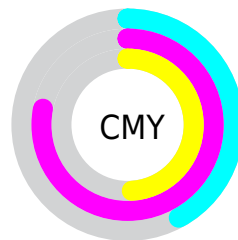


Cyan (0%)

Magenta (62%)

Yellow (12%)

Black (42%)



Cyan (42%)

Magenta (78%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.9440, 31.0780, 42.5180 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 91.9440, 31.0780, 42.5180 by changing the saturation by 10% instead.

91.9440, 31.0780,
42.5180

91.9440, 31.0780,
42.5180

255.0000, -0.0000,
-0.0000

64.5850, 30.7110,
43.6630

145.8410, 32.8660,
43.1540

37.2260, 30.3440,
44.8080

172.9660, 34.0120,
44.4120

26.8300, 22.2310,
32.1430

199.1720, 30.4360,
43.1400

17.8580, 15.8600,
20.9480

217.4320, 17.6000,
33.4720

1.1400, -3.2100,
3.1100

233.8680, 9.9000,
18.8280

0.0000, 0.0000,
0.0000

250.8910, 1.9250,

3.6610

■ 91.9440, 31.0780,
42.5180

■ 91.9440, 31.0780,
42.5180

■ 82.7970, 36.1660,
49.4300

■ 101.0910, 25.9900,
35.6060

■ 73.6500, 41.2540,
56.3420

■ 110.2380, 20.9020,
28.6940

■ 65.0900, 46.0670,
62.7310

■ 118.7980, 16.0890,
22.3050

■ 57.8180, 50.0090,
68.3850

■ 127.9450, 11.0010,
15.3930

■ 137.0920, 5.9130,
8.4810

■ 146.1250, 1.1460,
1.2580

■ 155.2720, -3.9420,
-5.6540

■ 163.8320, -8.7550,
-12.0430

■ 172.9790,
-13.8430, -18.9550

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3820, -14.4940, 31.4100



91.9440, 31.0780, 42.5180



85.7930, 59.1840, 39.7600

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9440, 31.0780, 42.5180



85.6980, 37.8760, -25.6440



81.1170, -75.4650, -14.5130

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91.9440, 31.0780, 42.5180



112.0560, -31.0780, -42.5180

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3290, -61.9830, -27.5750



91.9440, 31.0780, 42.5180



79.2700, 6.4260, -39.3820

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.9440, 31.0780, 42.5180



86.8140, 61.5770, -9.1350



70.0250, -46.9880, -40.5240



81.6020, -83.7200, -2.5680

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.9440, 31.0780, 42.5180



85.7100, 66.2470, 27.3910



70.0250, -46.9880, -40.5240



79.6350, -71.2920, -18.5560

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91.9440, 31.0780, 42.5180



169.0700, 12.1470, 16.6510



71.5710, -19.4000, 32.2160



83.6300, 7.3340, 10.2620



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9440, 31.0780, 42.5180



103.8670, 48.3130, 66.0810



86.8140, 45.5230, 28.5230



69.7770, 2.2460, 3.3500



53.9160, 46.6170, 63.7770



3.9020, 3.3920, 4.6080

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



91.9440, 31.0780, 42.5180



103.8670, 48.3130, 66.0810



117.1860, -45.5230, -28.5230



69.7770, 2.2460, 3.3500



53.9160, 46.6170, 63.7770



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 91.9440, 31.0780, 42.5180 looks on a white background.

Color Contrast Check

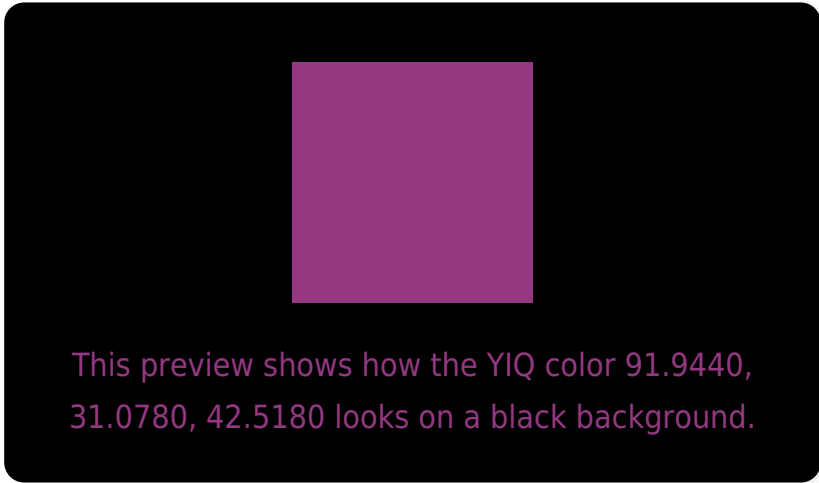
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

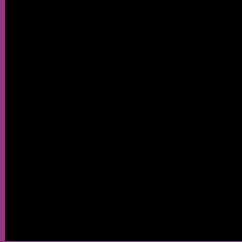
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 91.9440, 31.0780, 42.5180

Background



This preview shows how black text looks on a background with the YIQ color 91.9440, 31.0780, 42.5180.



This preview shows how white text looks on a background with the YIQ color 91.9440, 31.0780,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.9440, 31.0780, 42.5180

Protanopia

90.3800, -38.5160, 15.2120

Deuteranopia

93.5550, -14.4440, 8.4680



Tritanopia

92.7990, 40.7110, 16.6070

Trichromacy



Original Color

91.9440, 31.0780, 42.5180

Protanomaly

90.7640, -12.9340, 25.1620

Deuteranomaly

93.0290, 2.1970, 20.7650

Tritanomaly

92.7420, 36.8580, 25.8660

Monochromacy



Original Color

91.9440, 31.0780, 42.5180

Achromatopsia

92.0000, 0.0000, -0.0000

Achromatomaly

91.9450, 11.0010, 15.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.9440, 31.0780, 42.5180 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(148, 56, 130)` looks like.

```
.text, #text, p{  
    color:rgb(148, 56, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(148, 56, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 56, 130) }
```

Border

The CSS property to change the border of an element to YIQ 91.9440, 31.0780, 42.5180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 56, 130) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(148, 56, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(148, 56, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 56, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 56, 130); box-shadow:4px 4px 4px 4px rgb(148, 56, 130) }
```

Background

The CSS property to change the background color of an element to YIQ 91.9440, 31.0780, 42.5180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 56, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(148, 56,  
130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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